Index of Claims

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09/982,620

Examiner

Jason T. Whipkey

Applicant(s)/Patent under Reexamination

LIN ET AL.

Art Unit 2612

√ Rejected
= Allowed

- (Through numeral)
Cancelled

Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Claim Date             |          |                          | Claim               |           |          | Γ        | Date      |               |          |          | ]    | Cla      | aim      | Date                |         |  |                 |              |          |         |          |       |          |          |         |          |                                     |          |          |          |          |
|------------------------|----------|--------------------------|---------------------|-----------|----------|----------|-----------|---------------|----------|----------|------|----------|----------|---------------------|---------|--|-----------------|--------------|----------|---------|----------|-------|----------|----------|---------|----------|-------------------------------------|----------|----------|----------|----------|
|                        |          |                          |                     |           |          |          |           |               |          |          |      |          |          |                     |         |  |                 |              | 1        |         |          |       | $\Box$   | $\neg$   |         |          |                                     |          |          |          |          |
| ज                      | Original | 9                        |                     |           | -        |          |           |               |          |          |      | <u> </u> | Original |                     |         |  |                 |              |          |         | 5        | ल     | Original |          |         | 1        |                                     |          |          |          |          |
| Final                  | ij       | 1                        | <b> </b>            | ľ         |          |          |           |               |          |          |      | Final    | ij       |                     |         |  |                 |              |          |         | 4        | Final | rigi     |          |         | 1        | 1                                   |          |          |          |          |
|                        | 0        | 9                        | -                   |           |          |          |           |               | ı        | - 1      | .    | _        | 0        |                     |         |  |                 |              |          |         |          | _     | O        |          |         |          |                                     |          |          | ļ        |          |
|                        | 1        | $\overline{\mathcal{L}}$ | Н                   | $\dashv$  | _        | _        |           |               |          | ᅱ        | : }  |          | 51       |                     | +       | +  | $\vdash$        | _            | $\dashv$ | +       | - 4      |       | 101      | $\dashv$ | +       | +        |                                     | Н        | -        | $\dashv$ | $\dashv$ |
| $\vdash$               | 2        |                          | Н                   | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$      | $\dashv$ | ᅥ        |      |          | 52       | $\vdash$            | +       | +  | ╁╾┤             | +            |          | +-      |          |       | 102      | -        | +       | 1        |                                     | Н        | $\dashv$ | $\dashv$ | -        |
| $\vdash$               | 3        | V                        | Н                   | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$      | $\dashv$ | $\dashv$ |      |          | 53       | ╁                   |         | +  | ╁╌┤             | -            |          | +-      |          |       | 103      | +        | +       | +        | $\vdash$                            | Н        | $\vdash$ | $\dashv$ |          |
| $\vdash$               | 4        | 0                        | Н                   | ┥         | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$      | $\dashv$ | -        |      |          | 54       | ╁                   |         | +  | +               | $\dashv$     | +        | +       |          |       | 104      | +        | +       | +        | $\vdash$                            | Н        | $\vdash$ | -        | -        |
| $\vdash$               | 5        |                          |                     |           | -        | $\dashv$ | $\dashv$  | $\vdash$      | $\dashv$ | -1       | -    |          | 55       | $\vdash$            | +       | +  | $\vdash$        | +            | +        | +       |          |       | 105      |          | +       | -        |                                     | Н        | $\vdash$ | $\dashv$ | $\dashv$ |
| $\vdash$               |          | ~                        |                     | $\dashv$  | $\dashv$ | -        | $\dashv$  | $\dashv$      | $\dashv$ | -        |      |          | 56       | $\vdash$            | +       | +  | +               | $\dashv$     | +        |         |          |       | 106      |          | +       | 1        | H                                   | Н        | $\vdash$ | $\dashv$ | $\dashv$ |
| $\vdash$               | 6<br>7   | 0                        | $\vdash$            |           | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$      | +        | $\dashv$ |      |          | 57       | $\vdash$            | +       | ┿-   | ╂               |              |          | +       |          |       | 107      | +        | +       | $\vdash$ | H                                   | $\vdash$ | $\vdash$ | $\dashv$ |          |
|                        | - /      | 0                        | Н                   | $\dashv$  | -        | $\dashv$ |           |               | -+       | -        | -    |          |          | $\vdash$            | +       | +  | $\vdash$        | _            | +        | +       | 10       | -     |          |          | +       | 1-       | $\vdash$                            |          | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 8        | 000                      | Н                   | $\dashv$  | -        |          |           | -             |          |          | .    |          | 58       | $\vdash$            | +       | +  | $\vdash$        | -            | +        | +       |          |       | 108      |          | +       | -        | L                                   |          | -        | ႕        | _        |
|                        | 9        | X                        | Н                   | <b></b>   | -1       | -        |           |               |          | 4        | ., 1 |          | 59       | $\vdash$            | +       | +  | $\vdash$        | +            | _        | +       |          |       | 109      |          | +       | 1        | _                                   |          | -        | $\dashv$ | _        |
| ⊢                      | 10       | Ľ                        | -                   |           | $\dashv$ | -        | _         | Н             | -        | 4        | 1    |          | 60       | $\vdash$            |         |  | $\vdash$        | 4            | _        | _       | 1        |       | 110      | -        | $\perp$ | -        |                                     |          |          | $\dashv$ | _        |
| <b> </b>               | 11       | 0                        |                     |           |          |          |           | -             | $\dashv$ | -1       |      |          | 61       | $\vdash \vdash$     |         |  | $\sqcup$        | _            | _        | _       | 45.0°    |       | 111      | _        | _       | <u> </u> |                                     |          | _        | $\dashv$ | _        |
| $\vdash$               | 12       | 1                        | Н                   | _         |          |          | _         | $\sqcup$      | $\dashv$ | 4        |      |          | 62       | $\vdash \vdash$     |         | <del> </del>                                     | +               | 4            | $\perp$  | _       | 7        |       | 112      | +        | -       | ↓        | <u> </u>                            | Щ        | $\sqcup$ | _        | _        |
|                        | 13       | /                        | Ш                   | _         | _        | _        | _         | $\sqcup$      | $\dashv$ | 4        |      |          | 63       | $\sqcup \downarrow$ | $\perp$ | $\bot$   | $\sqcup$        | $\downarrow$ | _        | 4       | 101      |       | 113      | $\perp$  | $\perp$ | <u> </u> |                                     | Щ        |          | _        |          |
| <b>  </b>              | 14       | 1                        | $\square$           | _         | _        | _        |           | $\sqcup$      | $\dashv$ | _        | ا    |          | 64       | $\sqcup$            | $\perp$ | $\bot$   | $\sqcup$        | $\perp$      | $\perp$  | $\perp$ | 3        |       | 114      |          |         | 1        | <u>L</u>                            | Ш        |          |          |          |
| $\sqcup$               | 15       | /                        |                     |           |          | _        |           |               | _        | _        | 11   |          | 65       | $\perp$             | $\perp$ | $\perp$  | Ш               |              | $\perp$  | _       | er inc   |       | 115      | $\perp$  | $\perp$ | 1_       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш        | $\Box$   | Ц        |          |
| $\sqcup$               | 16       | 1                        | Ш                   |           | _        | _        |           |               |          | $\sqcup$ |      |          | 66       | $\sqcup \bot$       |         | _  | $\sqcup$        | _ _          |          |         |          |       | 116      | $\perp$  |         | 1        | ļ                                   | L        |          |          |          |
|                        | 17       | 0                        | Ш                   |           | _        | _        | _         | $\Box$        | _        |          |      |          | 67       |                     |         |  | Ш               | _            |          |         |          |       | 117      |          |         |          | <u>L</u>                            |          |          |          |          |
|                        | 18       | _                        | Ш                   |           |          | _        |           |               |          | _        |      |          | 68       |                     |         |  |                 |              |          |         | 4.5      |       | 118      |          |         | L        |                                     |          |          |          |          |
|                        | 19       | _                        | Ш                   |           |          |          |           |               |          |          |      |          | 69       |                     | _       |  |                 |              |          |         | 1<br>200 |       | 119      |          |         |          |                                     |          |          |          |          |
|                        | 20       | ~                        |                     |           |          |          |           |               |          |          |      |          | 70       |                     |         |  |                 |              |          |         |          |       | 120      |          |         | 1        |                                     |          |          |          |          |
|                        | 21       |                          |                     |           |          |          |           |               |          |          |      |          | 71       |                     |         |  |                 |              |          |         |          |       | 121      |          |         |          |                                     |          |          |          |          |
|                        | 22       |                          |                     |           |          |          |           |               |          |          |      |          | 72       |                     |         |  |                 | T            | $\top$   | 7       |          |       | 122      |          |         |          |                                     |          |          | $\neg$   |          |
|                        | 23       |                          |                     |           |          |          |           |               |          | П        |      |          | 73       |                     |         |  |                 |              |          |         |          |       | 123      |          |         |          |                                     |          |          | П        | $\neg$   |
|                        | 24       |                          | П                   |           |          |          |           |               |          | ╗        | ो    |          | 74       |                     |         |  |                 |              | T        | 1       |          |       | 124      |          |         |          |                                     |          |          |          |          |
|                        | 25       |                          | П                   |           |          |          |           |               |          | П        |      |          | 75       |                     |         |  | П               | 一            | T        |         |          |       | 125      |          |         |          |                                     |          |          | $\neg$   | $\neg$   |
|                        | 26       |                          |                     | -         |          | T        | T         |               |          | ╗        |      |          | 76       |                     |         |  |                 | 寸            | 一        | 1       |          |       | 126      |          |         | 1        |                                     |          | T        | ヿ        | $\neg$   |
|                        | 27       |                          | П                   | 一         |          |          |           |               |          | ╗        |      |          | 77       |                     | 1       | <del>                                     </del> | $\top$          | _            | 十        | 1       |          |       | 127      |          | 1       | T        |                                     |          |          | 7        | _        |
|                        | 28       |                          | П                   |           |          | 一        |           |               |          | ┪        | *    |          | 78       | $\Box$              |         | 1  | 1 1             | $\top$       | 十        | 1       |          |       | 128      |          | 1       | T        |                                     | $\Box$   | $\neg$   | ヿ        | $\neg$   |
|                        | 29       |                          | П                   | $\exists$ |          |          |           |               |          | 7        |      |          | 79       |                     | 1       |  | 1-1             | $\dashv$     | $\top$   | 1       |          |       | 129      | _        | +       | $\vdash$ |                                     |          | $\dashv$ | 寸        | $\neg$   |
|                        | 30       |                          | Н                   | ヿ         | $\dashv$ | $\neg$   | $\exists$ |               |          | ヿ        | - 1  |          | 80       |                     | 1       | +  | $\vdash \dashv$ | $\dashv$     | $\top$   | +       |          |       | 130      |          | +       | $\vdash$ |                                     |          |          | $\dashv$ | $\dashv$ |
|                        | 31       |                          | H                   | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | _             | _        | ᅦ        |      |          | 81       | $\vdash$            | +       |  | t               | $\dashv$     | +        | +       |          |       | 131      | $\dashv$ | +       | +        |                                     |          |          | $\dashv$ | $\dashv$ |
| $\vdash$               | 32       | $\vdash$                 |                     |           | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$      | $\dashv$ | $\dashv$ |      |          | 82       | $\vdash$            | +       | +  | +               |              | +        | +       | 17-1-5   |       | 132      | +        | +       | $\vdash$ | $\vdash$                            | $\vdash$ | -        | -        |          |
| $\vdash$               | 33       | -                        |                     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\vdash$      | $\dashv$ | $\dashv$ |      | -        | 83       | $\vdash$            | +       | +  | +               | +            | +        | +       | 1. 1     |       | 133      | +        | +       | $\vdash$ |                                     | $\vdash$ | -        | $\dashv$ | $\dashv$ |
| $\vdash$               | 34       |                          | $\vdash$            | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | -+       | $\dashv$ | . }  |          | 84       | $\vdash$            | +       | +-   | +-+             | +            | +        | +       | 4        |       | 134      | +        | +       | +        |                                     | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash \dashv$        | 35       |                          | $\vdash \vdash$     | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$      | $\dashv$ | $\dashv$ | - 1  |          | 85       | $\vdash$            | +       | +  | +               | $\dashv$     |          | +       | 4        |       | 135      | +        | +       | 1        |                                     | $\vdash$ | $\dashv$ | $\dashv$ |          |
| $\vdash \vdash \vdash$ | 36       |                          | $\vdash$            | -         | $\dashv$ | _        | $\dashv$  | $\vdash$      | $\dashv$ | $\dashv$ | : H  |          | 86       | $\vdash \vdash$     | +       | +  | ┼┼              | $\dashv$     | +        | +       |          |       | 136      | +        | +       | $\vdash$ | -                                   | $\vdash$ | -        | -        | $\dashv$ |
| $\vdash \vdash$        | 37       | -                        | ┝╼┤                 | $\dashv$  |          | +        | $\dashv$  | $\vdash$      | +        | $\dashv$ |      |          | 87       | $\vdash$            | +       | +  | ╁╾╂             | +            | +        | +       |          |       | 137      | +        | +       |          | $\vdash$                            | $\vdash$ |          | $\dashv$ | $\dashv$ |
| $\vdash$               | 38       | <u> </u>                 | $\vdash$            | $\dashv$  | $\dashv$ | -        | $\dashv$  |               | +        | $\dashv$ | -    | -        | 88       |                     | +       | +  | $\vdash$        | +            | +        | +-      |          |       | 137      | -        | +       | $\vdash$ | $\vdash$                            | $\vdash$ | $\dashv$ | $\dashv$ |          |
| $\vdash \vdash$        | 39       | $\vdash$                 | $\vdash$            | $\dashv$  | $\dashv$ | -        |           |               | +        | $\dashv$ | ŀ    |          |          |                     | +       | +  | $\vdash$        | +            | +        | +       |          |       |          | -        | +       | $\vdash$ | $\vdash$                            | $\dashv$ |          |          |          |
| $\vdash \vdash$        | 40       | -                        | $\vdash \vdash$     | $\dashv$  | -        | -        | $\dashv$  | $\rightarrow$ | $\dashv$ | $\dashv$ |      |          | 89       | ├                   |         | +  | $\vdash$        | +            | +        | +-      |          |       | 139      | -        | +       | $\vdash$ | $\vdash$                            | Н        | _        | $\dashv$ |          |
| $\vdash \dashv$        |          |                          | $\vdash \vdash$     | +         | $\dashv$ | -        |           | $\dashv$      | +        | $\dashv$ | -    |          | 90       | $\vdash$            | +       | +  | +               | +            | +        | +       |          |       | 140      | _        | +       | ├        | $\vdash$                            | Н        | $\dashv$ | -        | $\dashv$ |
| ⊢┼                     | 41<br>42 |                          | $\vdash \vdash$     | $\dashv$  | $\dashv$ | $\dashv$ |           | -             | +        | 4        | . }  |          | 91       | -                   | +       | +  | $\vdash$        | +            | -        |         |          |       | 141      |          | +       | $\vdash$ | $\vdash$                            |          |          | _        | 4        |
| $\vdash \vdash$        |          |                          | $\vdash \vdash$     | $\dashv$  | $\dashv$ | $\dashv$ |           |               | +        | $\dashv$ | }    |          | 92       | $\vdash$            | +       | +  | $\vdash$        | +            |          | +       |          |       | 142      | $\perp$  | +       | $\vdash$ | $\vdash$                            | -        |          | _        | 4        |
| $\vdash \vdash$        | 43       |                          | -                   | $\dashv$  | $\dashv$ | $\dashv$ |           | $\dashv$      | +        | 4        | ·  - |          | 93       | - -                 | +       | +  | $\vdash$        | +            | -        |         |          |       | 143      | +        | —       | 1        | Щ                                   | $\Box$   | _        | _        |          |
| $\vdash \vdash$        | 44       |                          | $\vdash \downarrow$ | -         |          | $\dashv$ | $\dashv$  | $\rightarrow$ | +        | 4        | -    |          | 94       | -                   | +       | +  | $\vdash \vdash$ | $\dashv$     | - -      | +-      |          |       | 144      | -        | 4       | $\vdash$ | Щ                                   |          | _        | _        |          |
| $\vdash \rightarrow$   | 45       |                          |                     | _;        | $\dashv$ | $\dashv$ |           |               | $\dashv$ | 4        | -    |          | 95       | $\vdash \vdash$     | +       | +  |                 | _            | $\perp$  | —       |          |       | 145      | $\dashv$ | _       | $\sqcup$ | Щ                                   |          |          | _        | _        |
|                        | 46       | $\vdash$                 |                     | _         | $\dashv$ | $\dashv$ | _}        | _             | _        | 4        | -    |          | 96       | $\perp$             | $\bot$  | 4  |                 | _            | $\bot$   | $\perp$ |          |       | 146      | $\perp$  | -       | Щ        | Ш                                   |          | _        |          |          |
| $\vdash$               | 47       |                          | $\sqcup$            | _         | $\perp$  | $\dashv$ |           | 4             | _        | 4        | Ļ    |          | 97       | $\sqcup \bot$       | 1       | 1  | Ш               | $\perp$      | $\perp$  | ↓       |          |       | 147      | $\perp$  |         | L        |                                     |          | _        | [        | ]        |
| $\sqcup \bot$          | 48       | $\Box$                   |                     | _         |          | $\perp$  |           | _             | $\perp$  | ↲        | L    |          | 98       | $oxedsymbol{oxed}$  |         | $\perp$  | Ш               |              | ↓        |         | l        |       | 148      | ot       | $\perp$ | Ш        |                                     |          |          | $\perp$  | ]        |
| $\sqcup \sqcup$        | 49       |                          |                     |           |          |          | _         |               | $\perp$  | ┙        |      |          | 99       |                     | $\perp$ | $\perp$  | Ш               | $\perp$      |          | $\perp$ | Į Į      |       | 149      |          |         | Ш        |                                     | I        |          | $\bot$   |          |
|                        | 50       |                          | Ц                   |           |          |          |           | $\perp$       |          | ╛        | L    |          | 100      |                     | $\perp$ | 1_   |                 |              | J.       |         |          | ]     | 150      |          |         |          |                                     | [        | $\Box$   | $\Box$   |          |